

~~Env~~CHAPTER Env-A 2500 PULP AND PAPER INDUSTRY: PARTICULATE MATTER AND VISIBLE EMISSION STANDARDS

Statutory Authority: RSA 125-C:4, I(a)

**Readopt with amendment Env-A 2501.01 and Env-A 2502.02, effective 1-18-97 (Document #6428-B), to read as follows:**

PART Env-A 2501 PURPOSE

Env-A 2501.01 Purpose. The purpose of this chapter is to establish particulate matter emission standards and visible emission standards for kraft mills, sulfite mills, and paper manufacturing facilities.

PART Env-A 2502 APPLICABILITY, ~~REFERENCES~~, AND DEFINITIONS

Env-A 2502.01 Applicability. This chapter shall apply to the owner or operator of:

- (a) A lime kiln, non-fuel burning device, or fuel burning device at a kraft mill;
- (b) A fuel burning device or non-fuel burning device at a sulfite mill; and
- (c) A fuel burning device or non-fuel burning device at a paper manufacturing facility.

~~Env-A 2502.02 References. For the purpose of this chapter, unless otherwise specified, the July 1, 2003 edition of title 40 of the Code of Federal Regulations (CFR) shall control all references to 40 CFR 60.~~

**Adopt Env-A 2502.03 to read as follows:**

Env-A 2502.03 Definitions.

(a) “Paper manufacturing facility” means a facility that produces paper products for sale in roll form or as reams of paper sheets. This type of facility can include secondary fiber pulping operations and subsequent paper production. A paper manufacturing facility produces various types of papers, including fine (writing or copy paper), coarse (book text or filters), specialty, and newsprint papers.

(b) “Sulfite mill” means a place where a pulping process uses as a cooking liquor an acidic solution containing sulfurous acid and bisulfite of an alkaline base, such as calcium, sodium, ammonium, or magnesium.

**Readopt with amendment Env-A 2503.01 and Env-A 2504.06, effective 1-18-97 (Document #6428-B), to read as follows:**

PART Env-A 2503 EMISSION STANDARDS FOR KRAFT MILL SOURCES OR DEVICES THAT COMMENCED CONSTRUCTION OR MODIFICATION PRIOR TO OR ON SEPTEMBER 24, 1976

Env-A 2503.01 Particulate *Matter* Emission Standards for Lime Kilns at Kraft Mills. For a kraft mill lime kiln that commenced construction or modification prior to or on September 24, 1976, the owner or operator shall not cause or allow the emission of particulate matter to exceed 0.87 kilograms per ton (kg/ton), or 1.9 pound per ton (lb/ton), of lime mud.

Env-A 2503.02 Visible Emission Standards for Non-Fuel Burning Devices at Kraft Mills.

(a) Unless otherwise specified in this chapter, the owner or operator shall not cause or allow visible fugitive emissions or visible stack emissions from any kraft mill non-fuel burning device that commenced construction or modification prior to or on September 24, 1976, to exceed an average of 20 percent (%) opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.

(b) Opacity shall be determined in accordance with Env-A 807.

Env-A 2503.03 Particulate Matter Emission Standards for Fuel Burning Devices at Kraft Mills. For kraft mill fuel burning devices which commenced construction or modification prior to or on September 24, 1976, the owner or operator shall not cause or allow ~~the emission of~~ particulate matter *emissions* to exceed these ~~emission~~ standards specified in Env-A 2003.06 or Env-A 2003.07, as applicable.

Env-A 2503.04 Visible Emission Standards for Fuel Burning Devices at Kraft Mills. For kraft mill fuel burning devices which commenced construction or modification prior to or on September 24, 1976, the owner or operator shall not cause or allow visible fugitive emissions or visible stack emissions to exceed these ~~emission~~ standards specified in Env-A 2003.01 or Env-A 2003.02, as applicable.

PART Env-A 2504 EMISSION STANDARDS FOR KRAFT MILL SOURCES OR DEVICES THAT COMMENCED CONSTRUCTION OR MODIFICATION AFTER SEPTEMBER 24, 1976

Env-A 2504.01 Visible Emission Standards for Non-Fuel Burning Devices at a Kraft Mill Not Subject to 40 CFR 60, Subpart BB.

(a) Unless otherwise specified in this chapter, the owner or operator shall not cause or allow visible fugitive emissions or visible stack emissions from any kraft mill non-fuel burning device not subject to 40 CFR 60, Subpart BB that commenced construction or modification after September 24, 1976 to exceed an average of 20% opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.

(b) Opacity shall be determined in accordance with Env-A 807.

Env-A 2504.02 Particulate Matter Emission Standards for Fuel Burning Devices at a Kraft Mill Not Subject to 40 CFR 60, Subpart BB. For kraft mill fuel burning devices commencing construction or modification after September 24, 1976 that are not subject to 40 CFR 60, Subpart BB, , the owner or operator shall not cause or allow ~~the emission of~~ particulate matter *emissions* to exceed these ~~emission~~ standards specified in Env-A 2003.07 through Env-A 2003.09, as applicable.

Env-A 2504.03 Visible Emission Standards for Fuel Burning Devices at a Kraft Mill Not Subject to 40 CFR 60, Subpart BB.

(a) For kraft mill fuel burning devices commencing construction or modification after September 24, 1976 that are not subject to 40 CFR 60, Subpart BB, the owner or operator shall not cause or allow visible fugitive emissions or visible stack emissions to exceed an average of 20% opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.

(b) Opacity shall be determined in accordance with Env-A 807.

**Repeal Env-A 2505.01 through Env-A 2505.04, effective 1-18-97 (Document #6428-B), as follows and hold Env-A 2505 in reserve:**

PART Env-A 2505 ~~EMISSION STANDARDS FOR SULFITE MILLS INSTALLED PRIOR TO OR ON FEBRUARY 18, 1972~~RESERVED

~~Env A 2505.01 Emission Standards for Fuel Burning Devices Utilized at Sulfite Mills Installed Prior to or On February 18, 1972.~~ For fuel burning devices utilized at sulfite mills installed prior to or on February 18, 1972, no person shall cause or allow emission standards to exceed those as specified in Env A 2000.

~~Env A 2505.02 Visible Emission Standards for Fuel Burning Devices Utilized at Sulfite Mills Installed Prior to or On February 18, 1972.~~ For fuel burning devices utilized at sulfite mills installed prior to or on February 18, 1972, no person shall cause or allow visible fugitive emissions or visible stack emissions to exceed those emission standards specified in Env A 2000.

~~Env A 2505.03 Emission Standards for Non Fuel Burning Devices Utilized at Sulfite Mills Installed Prior to or On February 18, 1972.~~ For fuel burning devices utilized at sulfite mills installed prior to or on February 18, 1972, no person shall cause or allow emission standards to exceed those specified for “Existing Devices” in Table 2103-1.

~~Env A 2505.04 Visible Emission Standards for Non Fuel Burning Devices Utilized at Sulfite Mills Installed Prior to or On February 18, 1972.~~

~~(a) Unless otherwise specified in this chapter, no person shall cause or allow visible fugitive emissions or visible stack emissions from any non-fuel burning device utilized at sulfite mills installed prior to or on February 18, 1972, to exceed an average of 20 percent opacity for any continuous 6 minute period in any 60 minute period, except as specified in Env A 2000.~~

~~(b) Opacity shall be determined in accordance with Env A 807.~~

**Readopt with amendment Env-A 2506.01 through Env-A 2508.04, effective 1-18-97 (Document #6428-B), to read as follows:**

**PART Env-A 2506 EMISSION STANDARDS FOR SULFITE MILL SOURCES OR DEVICES INSTALLED AFTER FEBRUARY 18, 1972**

Env-A 2506.01 Particulate Matter Emission Standards for Fuel Burning Devices at Sulfite Mills. For sulfite mill fuel burning devices installed after February 18, 1972, the owner or operator shall not cause or allow **particulate matter** emissions ~~standards~~ to exceed those ~~standards~~ as specified in Env-A 2003.07 through Env-A 2003.09, as applicable.

Env-A 2506.02 Visible Emission Standards for Fuel Burning Devices at Sulfite Mills.

(a) For sulfite mill fuel burning devices installed after February 18, 1972, the owner or operator shall not cause or allow visible fugitive emissions or visible stack emissions to exceed an average of 20% opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.

(b) Opacity shall be determined in accordance with Env-A 807.

Env-A 2506.03 Visible Emission Standards for Non-Fuel Burning Devices at Sulfite Mills.

(a) Unless otherwise specified in this chapter, the owner or operator shall not cause or allow average visible fugitive emissions or average visible stack emissions from any sulfite mill non-fuel burning device installed after February 18, 1972 to exceed an average of 20% opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.

(b) Opacity shall be determined in accordance with Env-A 807.

PART Env-A 2507 EMISSION STANDARDS FOR PAPER MANUFACTURING FACILITY SOURCES OR DEVICES INSTALLED PRIOR TO OR ON FEBRUARY 18, 1972

Env-A 2507.01 Particulate Matter Emission Standards for Fuel Burning Devices at Paper Manufacturing Facilities. For paper manufacturing facility fuel burning devices installed prior to or on February 18, 1972, the owner or operator shall not cause or allow *particulate matter* emissions ~~standards~~ to exceed these *standards* as specified in Env-A 2003.06, Env-A 2003.07, or Env-A 2003.09, as applicable.

Env-A 2507.02 Visible Emission Standards for Fuel Burning Devices at Paper Manufacturing Facilities. For paper manufacturing facility fuel burning devices installed prior to or on February 18, 1972, the owner or operator shall not cause or allow visible fugitive emissions or visible stack emissions to exceed these ~~emission~~ standards specified in Env-A 2003.01 or Env-A 2003.02, as applicable.

Env-A 2507.03 Visible Emission Standards for Non-Fuel Burning Devices at Paper Manufacturing Facilities.

(a) Unless otherwise specified in this chapter, the owner or operator shall not cause or allow average visible fugitive emissions or average visible stack emissions from any paper manufacturing facility non-fuel burning device installed prior to or on February 18, 1972 to exceed an average of 20% opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.

(b) Opacity shall be determined in accordance with Env-A 807.

PART Env-A 2508 EMISSION STANDARDS FOR PAPER MANUFACTURING FACILITY SOURCES OR DEVICES INSTALLED AFTER FEBRUARY 18, 1972

Env-A 2508.01 *Particulate Matter* Emission Standards for Fuel Burning Devices at Paper Manufacturing Facilities. For paper manufacturing facility fuel burning devices installed after February 18, 1972, the owner or operator shall not cause or allow *particulate matter* emissions ~~standards~~ to exceed these *standards* as specified in Env-A 2003.07 through Env-A 2003.09, as applicable.

Env-A 2508.02 Visible Emission Standards for Fuel Burning Devices and Non-Fuel Burning Devices at Paper Manufacturing Facilities.

(a) Unless otherwise specified in this chapter, the owner or operator shall not cause or allow visible fugitive emissions or visible stack emissions from any paper manufacturing facility fuel burning device or non-fuel burning device installed after February 18, 1972 to exceed an average of 20% opacity for any continuous 6-minute period, except for one period of 6 continuous minutes in any 60-minute period during startup, shutdown, or malfunction.

(b) Opacity shall be determined in accordance with Env-A 807.

**Repeal Env-A 2509, effective 1-18-97 (Doc. #6428-B), as follows:**

~~PART Env-A 2509 PERMIT, FEE, TESTING, MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS~~

~~Env-A 2509.01 Permit, Fee, Testing, Monitoring, Recordkeeping, and Reporting Requirements. Sources or devices subject to this chapter shall comply with the following, where applicable:~~

~~(a) Permit requirements specified in Env-A 600;~~

- ~~—— (b) Fee requirements specified in Env A 700;~~
- ~~—— (c) Testing and monitoring requirements specified in Env A 800; and~~
- ~~—— (d) Recordkeeping and reporting requirements specified in Env A 900.~~

### Appendix

Provision of the Proposed Rule	Specific State or Federal Statutes or Regulations which the Rule is Intended to Implement
Env-A 2501 through 2508 (existing Env-A 2505 repealed)	RSA 125-C:4, I(a); <i><b>RSA 125-C:6, II</b></i>
Env-A 2509 (repealed)	RSA 125-C:4, I(a); <i><b>RSA 125-C:6, II</b></i>